Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 10 Aug 2023 until 23:59 on Friday 11 Aug 2023

Forecast Issued on Thursday 10 Aug 2023 at 01:41

Confidence: High confidence for a brief spell of warmer weather Thursday, followed by a return to cooler, more unsettled conditions this weekend. Lower confidence in shower detail.

Headline for Thursday 10 Aug 2023: Cloud clearing to warm sunny spells.

Mountain weather hazards on Thursday 10 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	10%	<05%	10%	20%	20%

Forecast for Thursday 10 Aug 2023

Weather: A rather cloudy morning, but mostly dry. Remaining dry in the afternoon and becoming brighter, with spells of warm sunshine. However, scattered cloud may bubble up later in the afternoon, bringing the risk of the odd heavy shower late in the day.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Cloud generally above the summits, with good or very good visibility. Perhaps reducing to few km if any showers develop later, with patches of cloud 600-700m. .

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Thursday 10 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/11 S	11/15 S	11/16 S	12/18 S	11/17 S	11/17 S	9/14 S
300	1/7 E	8/14 S	10/17 S	10/18 S	7/17 S	4/12 SW	4/11 S
Valley	3/7 E	5/12 S	8/16 S	9/17 S	6/16 SE	2/9 SW	3/10 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/16	17/15	18/17	20/18	20/18	17/16	16/15
300	16/16	19/19	22/20	23/22	22/22	18/18	17/18
Valley	17/18	21/21	23/23	24/24	23/24	19/20	18/19
Freezing Level*	3400m	3500m	3500m	3400m	3200m	3300m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels are expected to be moderate to high in bright or sunny spells, so sun protection is advisable.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 10 Aug 2023	0mm	0.2mm	3.4mm

Forecast for Friday 11 Aug 2023

Weather: Bands of showery rain are expected to sweep across the Dales overnight with a low risk of heavy bursts or thunder. Rain clearing a little after dawn, but likely remaining cloudy for much of the morning. A mix of cloudy and bright spells through the afternoon with scattered showers developing by day. Showers are expected to move through quickly given the fresh and blustery winds.

Maximum wind: Southwest 20-25mph, gusting 35mph.

Chance of cloud-free hill tops above 600m: 20% in the early morning, especially western slopes. Improving by mid-morning to around 80%.

Low Cloud and visibility: Banks of low cloud likely in association with frontal rain with bases around 400-500m. Cloud gradually clearing from the west, but may linger across higher summits in the north of the park. Otherwise, bases are expected to remain above tops throughout the afternoon, even in showers. Visibility good or very good, but moderate to poor in overnight rain and in any showers that develop.

Temperature: **Valleys:** Plus 15 Celsius, rising to Plus 20 Celsius.
At 600m: Plus 13 Celsius, rising to Plus 15 Celsius.
Freezing level: Well above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.